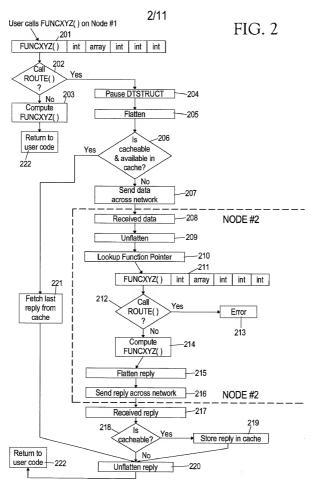


FIG. 1

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Return to

user code +-222

Filed: HEREWITH Inventor: Gooding Express Mail No.: EL849146524US Page 3 of 11 3/11 User calls FUNCXYZ() on Node #1 FIG. 3 FUNCXYZ() int arrav int int int Call 202 301 Yes ROUTE() Queue Pause DTSTRUCT 203 pre-flattened ĹNo command List Compute Flatten -205 operation FUNCXYZ() Queue queue flattened Return to -206 ls command user code Yes cacheable 303 302 & available in Return to 222 cache? user code Nο 304 Send data 207 across network -208 NODE #2 Received data 209 Unflatten 210 Lookup Function Pointer 211 FUNCXYZ() int array int int int 221 Fetch last 212. Call Yes reply from ROUTE() Error cache No 213 Compute -214 FUNCXYZ() Flatten reply -215 Send reply across network -216 NODE #2 -217 Received reply 219 218

cacheable?

Unflatten reply

Nο

Store reply in cache

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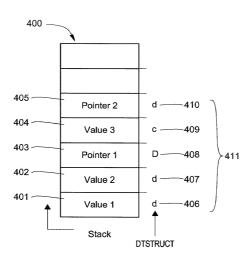
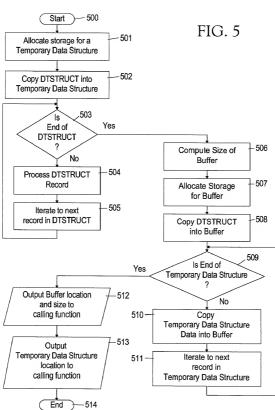


FIG. 4

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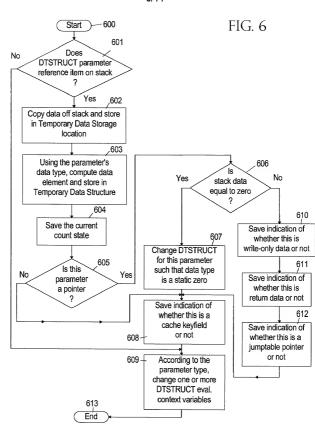




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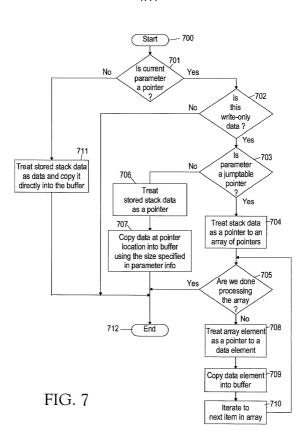
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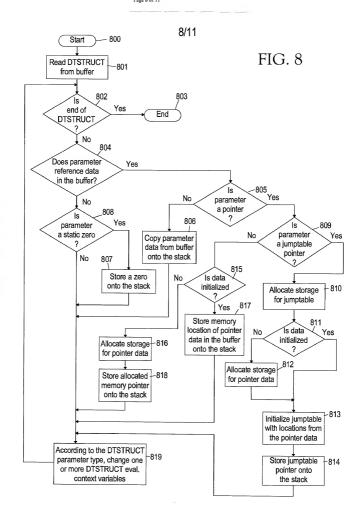
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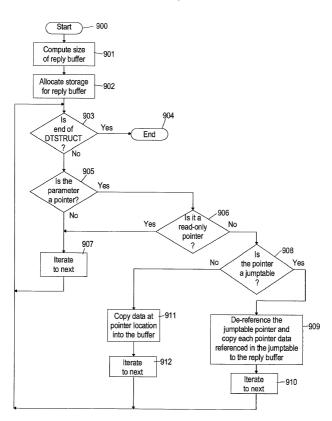


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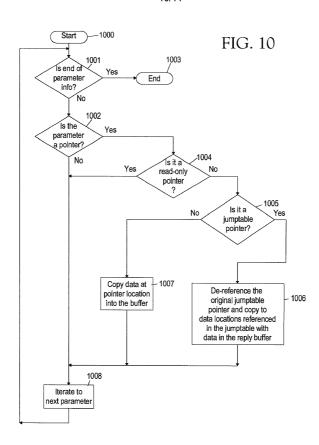
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FIG. 9



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